

## **Energy Committee Meeting Minutes**

### **March 18, 2008**

In attendance: Bob Larson, Roger Barham, Peter Bolduc, Dawn Lewis, Gene Cordes and Cheryl Rowell

Meeting started at 7:05 PM at the Fremont Town Hall

#### ❖ **Master Plan 2008 - Energy Committee**

- Discussion with Roger Barham, Planning Board Chair
  - General Information about Master Plan revision
    - Master Plan is a “living document” – can be updated every 6 months if necessary – at this time a major revision is in progress.
    - A section from the Energy Committee outlining goals to reduce energy emissions in Fremont can be added at any time
    - No date set for finalizing the revision – Roger will keep us informed as to progress
    - Hoping for CTAP funding to help with the revisions
    - After revision there will be public hearings
  - Changes/suggestions for the Energy Committee’s Section to the Master Plan
    - Make statements clear and concise (Review Epping’s Energy plan for ideas – for ex. they are calling for 25% reduction in emissions by 2025).
    - Start with specific, short term goals
      - ◆ Reduction of emissions – for ex. 25% (needs to be reachable)
      - ◆ Need to get residents and town officials on board
      - ◆ Target
        1. Municipal buildings – energy audits – based on results make suggestions -  
\*mention that municipal buildings need to achieve a certain energy efficiency (for ex. town hall renovations). Use EPA guide for suggestions.
        2. Residents –
          - use tax assessor’s data to determine size and age of homes to estimate carbon footprint,
          - more stringent building practices (Thom Roy is enforcing newer codes relating to energy efficiency).
          - Make energy efficiency changes easier for residents. For ex. easy disposal of newer light bulbs – Recycling – with newer vendor it is hoped that there will be increased recycling.
          - Accommodations for solar and wind turbine uses.
        3. Businesses - Tax benefits of energy efficient equipment; more efficient building practices and codes enforced.
    - Roger will email more comments to us
    - Proposed date for completion of this section to pass on to planning board is early May

#### ❖ **Minutes**

- Minutes of Feb. meeting were reviewed and accepted as written. Cheryl will send to Heidi to be posted.

#### ❖ **Review of Energy Use at Town Facilities**

- **Safety Complex**
  - Gene spoke with Neal Janvrin and Richard Butler and summarized their discussion in a report. Next steps are:
    - Evaluate HVAC system – there is an uneven distribution of hot or cool air in the building making some rooms uncomfortable (season dependent) -

- ♦ The heating system consists of 2 oil boilers with forced hot water system and radiant heat in bays – are bays overheated? Oil tank in ground circa 1997
- Evaluate Lighting and electric hot water heater – are there savings to be had here? Housing on water heater cracked.
- Gene will see if he can have someone analyze the HVAC system for improvement of distribution/efficiency.
- Bob will get in touch with PSNH and see if we can get an energy audit
- Would this building be a good choice for solar? Should we have someone come and analyze it? (Companies: Sunweaver; Northwood, NH and Edison Store; Salisbury MA – part of ConEd).

➤ **Town Hall**

- Peter talked to Thom Roy and he is putting a report together. Improvements have been made to building, but renovations are still needed presenting an opportunity to improve energy efficiency.
- Suggested changes:
  - Replace old furnaces; new heat/cool air distribution system; insulate brick; fix window drafts; add sensor faucets
- Town Hall another good choice for solar?

➤ **Public Library**

- Bob Larson has spoken with Barbara Bassett (Librarian) and Dick Rand.
  - Analyzed lighting – 243 fixtures total.

➤ **Ellis School**

- Report from Dawn Lewis on the GO GREEN initiative and other happenings at Ellis School.
  - Timberland is coming on April 22<sup>nd</sup> for a massive volunteer project creating: Trails (to encourage children to walk to school off road – connecting neighborhoods), composting area, greenhouse, outdoor classroom, etc.
  - Other areas of interest:
    - ♦ biodegradable containers for lunch that would be composted
    - ♦ solar curtains to keep rooms cooler and eliminate AC use
    - ♦ wood burning plant to heat school
- Cheryl will ask Kirk Stone from the Jordan Institute to visit at next meeting.
- Cheryl will contact First Student bus company to determine fuel usage for Ellis busses.

❖ **Meeting adjourned** at ~10 PM. Next meeting will be held on Tuesday, April 15<sup>th</sup>, 2008; 7 PM at the Fremont Town Hall.

Respectfully submitted,

Cheryl Rowell  
Secretary